

AMENDMENTS TO THE SPECIFICATION

Please replace the title on page 1, lines 2-4, with the following marked-up title:

POLYPEPTIDE HAVING AN ACTIVITY TO SUPPORT PROLIFERATION OR
SURVIVAL OF HEMATOPOIETIC STEM ~~CELL~~ OR HEMATOPOIETIC PROGENITOR
CELLS ~~CELL, AND DNA CODING FOR THE SAME~~

Please replace paragraph at page ²⁴23, line ¹¹8 through page ²⁵24, line ¹²4, with the following
marked-up paragraph: pm 7/11/08

As for the amino acid deletion, the polypeptide may be a fragment which lacks an amino acid sequence at the N-terminal end and/or the C-terminal end. The fragment lacking the amino acid sequence at the N-terminal end and/or the C-terminal end can be obtained by a usual method, and the hematopoietic stem cell-supporting activity of the fragment can be determined by a similar way to that described with respect to the mutated polypeptide as a signal sequence or a transmembrane region in the amino acid sequence, a fragment having the hematopoietic stem cell-supporting activity is predicted by using it as an index. For example, a protein encoded by human SCR-8 is a transmembrane protein of type I passing through the membrane once, and it is therefore predicted that even if it made to be a soluble protein lacking the transmembrane region, it has the activity to support to proliferation or survival of hematopoietic stem cells or hematopoietic progenitor cells. The transmembrane region can be predicted with a known program based on the amino acid sequence. For example, if it is predicted with a program called PSORT II (available through the Internet at the http site, URL: <http://psort.nibb.ac.jp/index.html>), the transmembrane region is amino acids at positions 790 to 806 in SEQ ID NO: 29, and it is predicted that even if a fragment up to position 789, the fragment has activity to support proliferation or survival of hematopoietic stem cells or hematopoietic progenitor cells.